**Lab Dept:** Serology  
**Test Name:** HHV6 IgG/IgM ANTIBODIES

### General Information

<table>
<thead>
<tr>
<th>Lab Order Codes:</th>
<th>HHV6A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms:</td>
<td>Herpes Virus-6 Human IgG and IgM Antibodies</td>
</tr>
<tr>
<td>CPT Codes:</td>
<td>86790 x2 – Antibody; virus, not elsewhere specified</td>
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<tr>
<td>Test Includes:</td>
<td>HHV6 IgG and IgM Antibody titers.</td>
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### Logistics

**Test Indications:** Human herpesvirus 6 (HHV-6) infects peripheral blood leukocytes, and is considered the agent of roseola. The normal prevalence of HHV-6 antibody is high; nearly 100% of the population will demonstrate antibody at midlife with titers declining in old age. Immunofluorescence assays are used for serological detection of HHV-6. Crossreactions with other Herpes viruses, i.e., Cytomegalovirus and Herpes Simplex have not been found. In order to demonstrate primary infection, it is necessary to detect a significant change in titer.

**Lab Testing Sections:** Serology - Sendouts

**Referred to:** Mayo Medical Laboratories forward to Focus Technologies, Inc. (MMLTest: 80419/FHP6) (Focus Test# 40540)

**Phone Numbers:**  
- MIN Lab: 612-813-6280  
- STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 - 4 days, test performed daily.

**Special Instructions:** N/A

### Specimen

**Specimen Type:** Blood  
**Container:** Red top tube

**Draw Volume:** 3 mL (Minimum: 1.5 mL) blood
**Processed Volume:** 1 mL (Minimum: 0.5 mL) serum

**Collection:** Routine venipuncture

**Special Processing:** Lab Staff: Centrifuge specimen. Remove serum aliquot into a plastic screw-capped vial. Store and ship specimen refrigerated. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** Specimens other than serum, mislabeled or unlabeled specimens

### Interpretive

<table>
<thead>
<tr>
<th>Reference Range</th>
<th>HHV6 IgG:</th>
<th>&lt;1:10</th>
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<tbody>
<tr>
<td>HHV6 IgM:</td>
<td>&lt;1:20</td>
<td></td>
</tr>
</tbody>
</table>

Test performed by Focus Technologies, Inc., 5785 Corporate Ave., Cypress, CA 90630-4750.

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Indirect Fluorescence Antibody (IFA)

**References:**
- Mayo Medical Laboratories June 2013
- Focus Technologies, Inc. June 2013

**Updates:** 4/28/2004: Test moved from Specialty Laboratories to Mayo Medical Laboratories forward to Focus Technologies, Inc. Note: Test previously IgG only, now IgG/IgM.